

# PPC19W-45GM Barebone

User's Quick Start Card	Version 1.00	<a href="http://www.bcmcom.com">http://www.bcmcom.com</a>
<p><b>Inspect the Package:</b> One PPC19W-45GM Barebone One Power Adaptor One Power Cord (US) One Heatpipe One SATA CD ROM Adaptor One Pack of Screws One Driver CD/DVD One User's Quick Start Card</p> 		

## Responsibility:

This manual is provided "As-Is" with no warranties of any kind, expressed or implied, including, but not limited to the implied warranties or conditions of this product's fitness for any particular purpose. In no event shall we be liable for any loss of profits, loss of business, loss of data, interruption of business, or indirect, special, incidental, or consequential damages of any kind, even the possibility of such damages arising from any defect or error in this manual or product. We reserve the right to modify and update the user manual without prior notice.

## **WARNING: CMOS Battery Damage**

Replace your system's CMOS RAM battery only with the identical CR-2032 3V Lithium-Ion coin cell (or equivalent) battery type to avoid risk of personal injury or physical damage to your equipment. Improper installation might cause battery to explode. Always dispose of used batteries according to the manufacturer's instructions, or as required by the local ordinance (where applicable). The damage due to not following this warning will void your motherboard's manufacturer warranty.

Perchlorate Material- Special Handling May Apply.  
See <http://www.dtsc.ca.gov/hazardouswaste/perchlorate/>

## Additional Information:

Additional information on setting this board up can be found in the User's Manual in the provided CD or DVD ROM. The Online User's Manual and FAQ/Knowledge Base can be found on our website by visiting our website: <http://www.bcmcom.com>. If your question is not answered in our FAQ/Knowledge Base, visit our forums and post your messages or submit a new FAQ through FAQ Submittal form for us to add your question in our FAQ with our answer.

## **ATTENTION: Incorrect BIOS Setup**

If you do not know how to handle BIOS setup or how to set it up properly, it is strongly advisable that you do not modify any of the settings than otherwise instructed in the User's Quick Start Card. Even a seemingly small incorrect adjustment or modification in the BIOS setup can render your system unstable or unusable. Incorrect BIOS setup is not covered by your motherboard's manufacturer warranty. Try Clear CMOS information when system does not boot after BIOS settings change.

## Ports



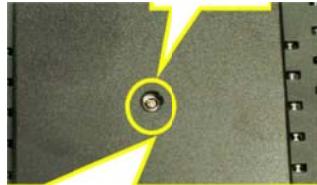
## Function Buttons



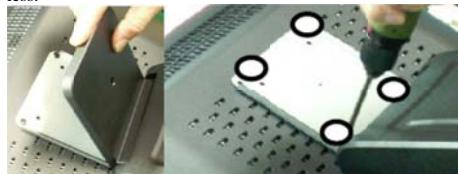
Power button: Turn on and off the unit.  
Volume "+": Increase the audio volume output  
Volume "-": Decrease the audio volume output  
Brightness "+": Increase the brightness of LCD panel  
Brightness "-": Decrease the brightness of LCD panel

## How to access inside the unit to install CPU, memory, ...

1. Take out the M3 screw from the stand with 2 lb-in or less.



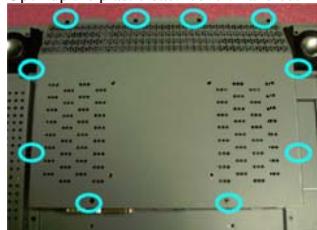
2. Take out the plastic stand cover and take out 4x #6-32 screws from the metal stand with 3 lb-in or less.



3. Take out 4x #6-32 screws from four corners with 3 lb-in or less.



4. Open up the plastic back cover. Take out 10x M3 screws from the back cover with 3 lb-in or less.



## CPU and Heatpipe Installation

This processor is intended to be professionally installed. Take proper electrostatics discharge (ESD) precautions such as using appropriate ground strips, gloves, and ESD mats.

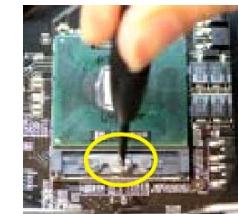
1. Place the CPU on top of the socket. Make sure to align the gold arrow on the CPU with the arrow key on the socket.



2. Push the CPU down until its pins securely fit into the socket.



3. On the front end of the CPU socket is a locking mechanism designed into the form of a screw. Make sure that you actuate or de-actuate this mechanism with a screwdriver before and after installing the CPU.



4. Place the heatpipe evenly on the CPU die. Lock down the screws in 4 corners with 2 lb-in or less onto pre-installed back bracket.

